



LTB01080NAS2

TECHNICAL BULLETIN

13 AUG 2018

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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

INFORMATION

This reissue replaces all previous versions. Please destroy all previous versions.

Changes are highlighted in blue

SECTION:

303-14

SUBJECT/CONCERN:

Engine MIL Illuminated With DTC P0089-64 And/Or P0089-92 Stored

AFFECTED VEHICLE RANGE:

MODEL:

MODEL YEAR:

VIN:

APPLICABILITY:

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
Range Rover Sport (LW)	2016	519513-570700	V6 S/C 3.0L Petrol
Range Rover Sport (LW)	2016	619679-644112	V6 S/C 3.0L Petrol
Range Rover (LG)	2016	216957-273120	V6 S/C 3.0L Petrol

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

The engine MIL (Malfunction Indicator Lamp) may be illuminated. Upon further diagnosis, the Technician may find DTC (Diagnostic Trouble Code) P0089-64 and/or P0089-92 stored in the Powertrain Control Module (PCM).

CAUSE:

This may be caused by a PCM software error.

ACTION:

Should a Customer express this concern, follow the Diagnostic Procedure below.

PARTS:

No Parts Required

TOOLS:

 <p>E192494</p>	<p>Jaguar Land Rover-approved Midtronics battery power supply</p>	 <p>E179225</p>	<p>Jaguar Land Rover-approved diagnostic tool with latest SDD Software Management Pack</p>
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WARRANTY:

NOTES:

- Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to JLR claims submission system to obtain the latest repair time.
- The JLR Claims Submission System requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Update ECU - Powertrain Control Module (PCM)	18.90.90	0.2	04	LR038618

NOTE:

Normal Warranty procedures apply.

DIAGNOSTIC PROCEDURE:

CAUTIONS:

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle startup battery during diagnosis / module programming.
- All ignition ON/OFF requests must be performed. Failure to do these steps may cause damage to control modules in the vehicle.

NOTE:

Use the Jaguar Land Rover claims submission system for Field Service Action program eligibility requiring a Powertrain Control Module (PCM) software update. If eligible, perform and claim the update as per that program.

- 1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle startup battery.

2 NOTE:

The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD154.01 Software Management Pack v299 (or later).

Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.

- 3 Follow all on-screen instructions, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.

- 4 If the hyperlink is not available:

- 1 Select **Diagnosis** from the Session Type screen.
- 2 Select the **Selected Symptoms** tab.
- 3 Select **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated**
- 4 Select **continue**.
- 5 Select the **Recommendations** tab.
- 6 Select **Run** to perform the '**Configure existing module - Powertrain control module**' option.

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- 5 Follow all on-screen instructions until the application finishes successfully.
- 1 When prompted, select the **Clear DTCs** option following completion of the software download.
 - 2 When all tasks are complete, go to the next Step.

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- 6 Exit the current session.
- 1 Select the **Session** tab.
 - 2 Select the **Close Session** option.

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- 7 Disconnect the diagnostic tool and battery power supply from the vehicle.

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- 8 If the issue remains after the PCM is updated, refer to the PCM DTC index for P0089-64 or P0089-92 [see TOPIx Workshop Manual section 100-00: General Information - Description and Operation - Diagnostic Trouble Code IndexV6 S/C 3.0L Petrol, DTC: Engine Control Module (ECM)] for further information.